

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	((("4768747") or ("5397226") or ("4889480") or ("3811645") or ("5234329") or ("5407344") or ("4765585") or ("4515342"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/02 06:17
S2	5	((("2890488") or ("6116891") or ("6443723") or ("6637498"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/26 13:55
S4	1	10/646094.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 13:56
S5	7	("4889480").PN. OR ("6116891").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 14:21
S6	6507	(mold\$3 or cast\$3) slid\$4 lever (slot or (elongated adj hole)) die	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 14:23
S7	3594	S6 block	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 14:24
S8	1679	S7 half	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 14:24
S9	475	S8 core	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 14:24
S10	159	S9 rail guide	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 14:42
S11	6954	((74/567,569) or (164/340,302,369) or (425/577)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/26 14:43
S12	80	S11 (mold\$3 or cast\$3) slid\$4 cam die (slot or guide or (elongated adj hole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 14:44
S13	18	("3161918" "3724802" "3740178" "3838960").PN. OR ("3932085").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 15:11

EAST Search History

S14	221	S11 base slide slot	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 15:36
S15	87	("0433879" "2485283" "2671933" "3425883" "3578547" "3635851" "3897386" "3915937" "3925319" "3932360" "3935329" "3957411" "3964328" "3979547" "4048105" "4081429" "4124574" "4125660" "4157107" "4181488" "4218543" "4248286" "4297444" "4318435" "4374210" "4378928" "4404353" "4408694" "4416844" "4418734" "4461333" "4486370" "4487869" "4501629" "4517249" "4530941" "4573509" "4592403" "4607090" "4642320" "4684101" "4694873" "4732919" "4741090" "4742090" "4751951" "4773461" "4806615" "4871413" "4882411" "4953291" "5000241" "5017634" "5022450" "5064875" "5115852" "5130404" "5141967" "5162382" "5238973" "5247018" "5300164" "5320369" "5326344" "5363894" "5384161" "5422414" "5450887" "5525681" "5551763" "5634993" "5668739" "5787950" "5821316" "5868190" "5891279" "5968294" "5975171" "6093271" "6102091" "6387311" "6463972").PN. OR ("6887063").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 17:55
S16	183800	mold\$3.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 17:56
S17	20517	S16 slid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 17:56
S18	5582	S17 half	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 17:57

EAST Search History

S19	3554	S18 (slot or guide or cam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 17:58
S20	1898	S19 cor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 17:59
S21	1389	S20 cavity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 18:00
S22	884	S21 injection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/26 18:01
S23	1428	(425/577).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 08:00
S24	668	S23 slid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/27 08:12
S26	1428	(425/577).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 16:50
S27	396	S26 slide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/27 16:50
S28	190	S27 base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/27 16:50
S29	57	S28 cam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/03/27 16:50

EAST Search History

S30	4	((("5533564") or ("5690159") or ("6431254") or ("6591893"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/27 16:55
S31	3	("1776888" "6461137").PN. OR ("7175421").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/27 17:01
S32	12	("3811645" "4515342" "4765585" "4768747" "4886640" "5234329" "5397226" "5407344" "6116891").PN. OR ("6443723").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/27 17:05
S33	2	("2890488").URPN.	USPAT	AND	ON	2007/03/27 17:20
S34	8	(Dubay Richard).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/04/02 06:08
S35	7663	slide base die (pin or cam or lever or rod) core	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/04/02 06:08
S36	2500	S35 (casting or mold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/04/02 06:09
S37	2282	S36 (remov\$4 or universal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/04/02 06:10
S38	1810	S37 (slot or slit or passage or bore)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/04/02 06:11
S39	1497	S38 (rail or guide or track or groove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/04/02 06:11
S40	351	(249/122).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/02 06:17

EAST Search History

S42	7	("4889480").PN. OR ("6116891"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/02 06:26
S43	12	("3811645" "4515342" "4765585" "4768747" "4886640" "5234329" "5397226" "5407344" "6116891").PN. OR ("6443723"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/02 06:29
S44	15	("3509603" "4179254" "4452420" "4515342" "4765585" "5114655" "5234329").PN. OR ("5397226").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/02 06:34
S45	23	("2292593" "4515342").PN. OR ("4889480").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/02 06:40
S46	12	("2481648" "3060509" "3266098" "3387323" "3811845" "4515342" "4889480").PN. OR ("6093015").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/02 06:45
S47	39	(US-20050098295-\$ or US-20050121166-\$ or US-20060076714-\$).did. or (US-6637498-\$ or US-6116891-\$ or US-6589044-\$ or US-4889480-\$ or US-6443723-\$ or US-4684101-\$ or US-5773048-\$ or US-4378928-\$ or US-3843088-\$ or US-3838960-\$ or US-7104774-\$ or US-7175421-\$ or US-6461137-\$ or US-6093015-\$ or US-3387323-\$ or US-4768747-\$ or US-6887063-\$ or US-6491513-\$ or US-4771981-\$ or US-5701947-\$ or US-5595771-\$ or US-4248289-\$ or US-4126291-\$ or US-4515342-\$ or US-5397226-\$ or US-5234329-\$). did. or (US-5312243-\$ or US-4676732-\$ or US-4046282-\$ or US-3932085-\$ or US-4502660-\$). did. or (US-2890488-\$ or US-3387323-\$ or US-2260462-\$ or US-2124529-\$).did. or (WO-2004028770-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/08/14 16:29
S48	16	S47 hydraulic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/14 16:29

EAST Search History

S49	9	S48 coupl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/14 16:29
S50	9	("5595771").URPN.	USPAT	AND	ON	2007/08/14 17:04
S51	13	("3932085" "4500274" "4795125" "5114330").PN. OR ("5595771"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/14 17:04
S52	39	(US-20050098295-\$ or US-20050121166-\$ or US-20060076714-\$).did. or (US-6637498-\$ or US-6116891-\$ or US-6589044-\$ or US-4889480-\$ or US-6443723-\$ or US-4684101-\$ or US-5773048-\$ or US-4378928-\$ or US-3843088-\$ or US-3838960-\$ or US-7104774-\$ or US-7175421-\$ or US-6461137-\$ or US-6093015-\$ or US-3387323-\$ or US-4768747-\$ or US-6887063-\$ or US-6491513-\$ or US-4771981-\$ or US-5701947-\$ or US-5595771-\$ or US-4248289-\$ or US-4126291-\$ or US-4515342-\$ or US-5397226-\$ or US-5234329-\$). did. or (US-5312243-\$ or US-4676732-\$ or US-4046282-\$ or US-3932085-\$ or US-4502660-\$). did. or (US-2890488-\$ or US-3387323-\$ or US-2260462-\$ or US-2124529-\$).did. or (WO-2004028770-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/08/15 10:09
S53	6	S52 (sensor or switch or circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:10
S54	7011	((74/567,569) or (164/340,302,369) or (425/577)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/15 10:15
S55	149	S54 ((sensor or circuit or switch) with (guide or track or rail or slide or groove))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:29

EAST Search History

S56	5986	(molding or casting) ((sensor or (proximity adj switch)) with (guide or track or rail or slide or groove))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:30
S57	1114	S56 magnet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:30
S58	392	(mold\$3 or cast\$3).ti. ((sensor or (proximity adj switch)) with (guide or track or rail or slide or groove))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:32
S59	27	S58 magnet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:37
S60	123	S54 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 10:37
S61	8	("4889480").PN. OR ("6116891").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 10:55
S62	424	S54 position (sens\$3 or detect\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 10:56
S63	128	S62 slide (rail or track or groove or guide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:05
S64	3	S54 (slide with sensor)	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:07
S65	4	S54 ((track or rail or guide) with sensor)	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:08
S66	84	S54 magnet	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:15
S67	33	S52 (bore or hole or aperture)	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:16
S68	11	S52 (base with (bore or hole or aperture))	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:16

EAST Search History

S69	3	("1776888" "6461137").PN. OR ("7175421").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/15 11:20
S70	271	(slide with track) (base with rail) ((sensor or circuit) with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 18:31
S72	151	mold (slide with (coupl\$3 hydraulic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 14:42
S73	4	((("6240796") or ("6326708") or ("5111873") or ("7175421")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/15 14:42
S74	6	(slide with track with bore) (base with rail with bore)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 18:28
S76	1	(slide with track) (base with rail) (lead adj bore)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/15 18:30
S78	25	(slide with track) (base with rail) (proximity adj switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:45
S79	75	(slide with track) (base with rail) magnet (switch or circuit or sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:15
S81	7013	((74/567,569) or (164/340,302,369) or (425/577)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/16 10:16
S82	290	S81 ((limit or position) with switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:42

EAST Search History

S83	1	S81 (slide with magnet with switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:42
S84	1811	(mold\$3 or cast\$3).ti. ((limit or proximity) adj switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:46
S85	867	S84 slid\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:46
S86	708	S85 (track or rail or guide or groove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 10:46
S87	44	S86 magnet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 11:03
S88	1802	((limit or proximity) switch).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 11:03
S89	140	S88 (mold\$3 or cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 11:12
S90	4	S88 (slide with rail)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/08/16 11:12